

PERMIT APPLICATION: NRS #06-020

APPLICANT: Bill Kilp, Director of Public Works
Town of Collierville
500 Keough Road
Collierville, TN 38017
(901) 853 -3215

LOCATION: Project is located north of the Wolf River Boulevard, south of the Wolf River and immediately adjacent to the existing Collierville Northwest Wastewater Treatment Plant.

WATERSHED DESCRIPTION: Surrounding land use is mostly forested wetland. Limited development along the new Wolf River Blvd.

PROJECT DESCRIPTION: The applicant proposes to expand the Collierville Northwest Wastewater Treatment Plant due to the rapid growth of the Town of Collierville. These improvements include oxidation basins, secondary clarifiers, pumping stations, sludge thickening basins and an operations building. Parking areas and roadways will also be constructed.

The total area of clearing, grading and filling will be approximately 10.5 acres. The approximate amount of fill material in wetlands will be 6,039 cubic yards or 1.30 acres. The wetland areas are predominantly herbaceous with tree cover limited. Dominant species are lizards tail, rice cut grass and soft rush.

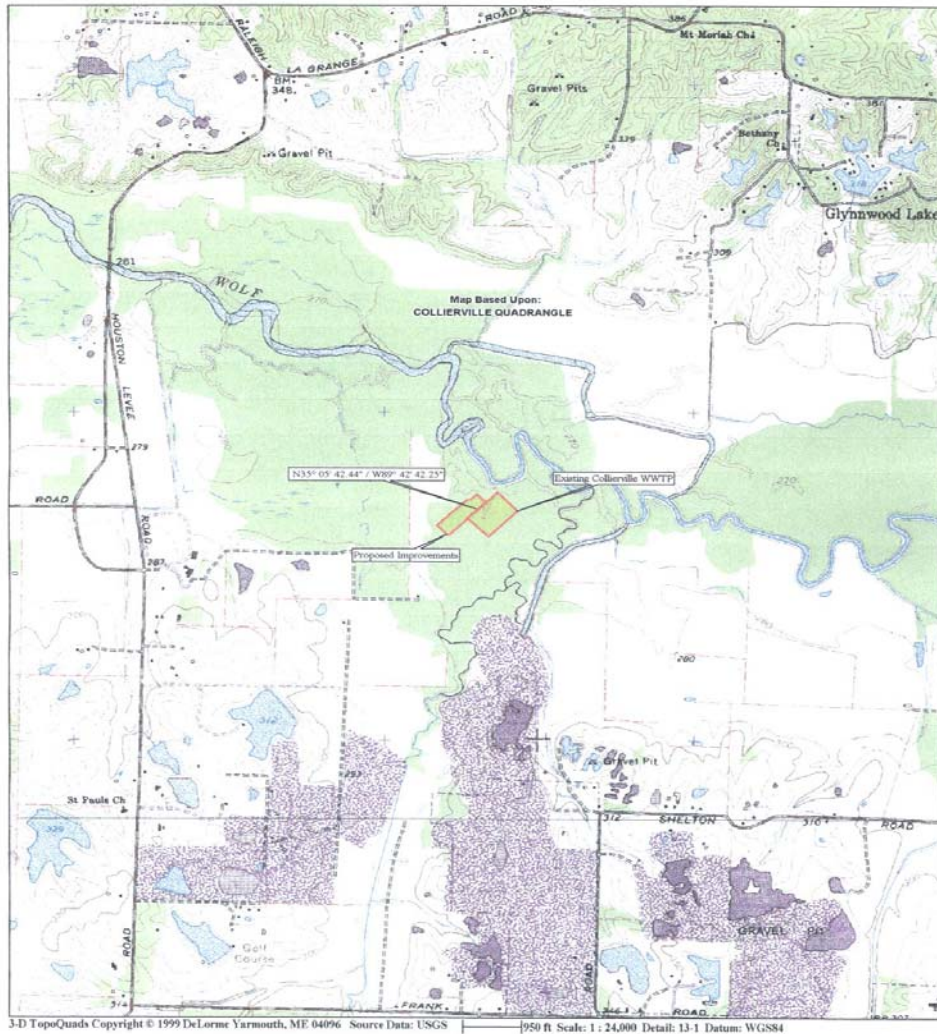
Compensatory wetland mitigation will occur offsite with the restoration of 3.09 acres on Wolf River Conservancy property north of Highway 57 (Poplar Avenue) and immediately south of the Wolf River near Rossville. Wetland trees will be planted at the rate of 400 seedlings/acre. The mitigation site will be monitored for at least five years with annual report submitted to this office. A 75% survival rate will be guaranteed as well as at least an 80% coverage of wetland species across the site.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

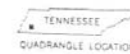
PERMIT COORDINATOR: Mike Lee

TOPOGRAPHICAL QUADRANGLE: Collierville 416-SW
35 05' 36.99" N
89 42' 34.08" W

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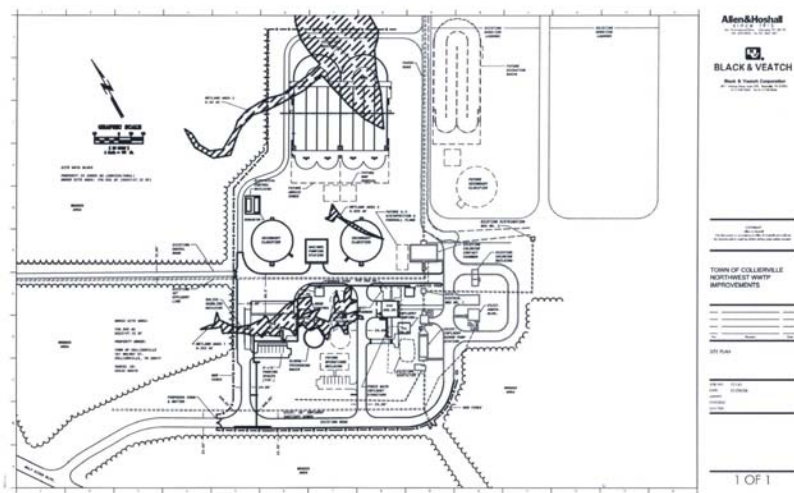
COLLIERVILLE, TENN.



**COLLIERVILLE WWTP
AERIAL MAP**



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